

XP-002287898**AN - 1986-300827 [46]****AP - JP19850062277 19850327****CPY - AJIN****DC - D23 E17****FS - CPI****IC - C11B3/10****MC - D10-A04 E10-E04A E11-Q01****M3 - [01] H4 H402 H482 H721 H8 J0 J011 J2 J271 M210 M211 M212 M213 M214
M215 M216 M220 M221 M222 M223 M224 M225 M226 M231 M232 M233 M262 M281
M313 M321 M332 M343 M383 M391 M416 M620 M720 M903 N161 N164 N470 Q271
Q431****PA - (AJIN) AJINOMOTO KK****PN - JP61221298 A 19861001 DW198646 005pp****PR - JP19850062277 19850327****XA - C1986-130293****XIC - C11B-003/10****AB - J61221298 The process is effected by adsorbing monoglyceride selectively to ion exchange resin by contacting oil (or fat) contg. the monoglyceride with ion exchange resin, then eluting adsorbed monoglyceride by contacting ion exchange resin with eluent.**

- Suitable ion exchange resin is "Diaion WK-10, 11, 20;; (RTM), "Amberlite IRC-50, 75, 84"(RTM), etc.. Suitable eluent is nonpolar solvent such as aliphatic hydrocarbon, aromatic hydrocarbon, or halogenated prod. of such solvents; or polar solvent such as water, methanol, ethanol, propanol, etc..

- USE/ADVANTAGE - Monoglyceride is sepd. in high yield (above 80%) and with high purity (above 95% purity) from several oil or fat contg. a mixt. of triglyceride, diglyceride, monoglyceride, and free fatty acid, such as those obtd. by enzymatic decomposition ester interchange process, or synthetic method. Disadvantages in conventional processes are eliminated. Beta-monolinolein which is more effective for depressing hypertension is sepd. more effectively. (5pp Dwg.Ns.0/2)

IW - PURIFICATION MONO GLYCERIDE PRODUCE OIL FAT CONTACT ION EXCHANGE RESIN ELUTION MONO GLYCERIDE**IKW - PURIFICATION MONO GLYCERIDE PRODUCE OIL FAT CONTACT ION EXCHANGE RESIN ELUTION MONO GLYCERIDE****NC - 001****OPD - 1985-03-27****ORD - 1986-10-01****PAW - (AJIN) AJINOMOTO KK****TI - Purified mono:glyceride prodn. from oil or fat - by contacting with ion exchange resin then eluting mono:glyceride**